OCTAGON SYSTEMS
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• Embedded rugged computers
• –40° to 85° C
• Embedded operating systems
• COTS—high reliability

CompactFlash Plus adapter card

Octagon's 2852 is a PC/104 *Plus* expansion card that provides a single CompactFlash slot. The single CompactFlash or CompactFlash Plus (CF+) socket is compliant with the CompactFlash Revision 1.4. These cards can be either Type I or Type II format. Both memory mode and I/O mode are supported.

The socket has an ejector button for easy removal of cards. The socket supports both 5V and 3.3V cards. A CompactFlash card is connected through the PC/104 *Plus* connector as a PCI device and provides higher performance than the 16-bit PC/104 Bus. The PC/104 *Plus* expansion bus supports mastering devices.



2852 CompactFlash Plus adapter card

Features

CompactFlash slot:

- Accepts CompactFlash and CF+ devices
- 3.3V or 5V cards, automatic voltage switcher
- Type I and II cards
- Ejector button for easy card removal.

Drivers :

- Fully compatible with Windows® 95 through Windows 2000, and Windows XP Embedded
- Linux support with kernel 2.4.12 or later
- QNX 6.1 PC card driver required

Slot number:

- Set via jumpers, default is slot 1

Environmental & power:

- –40° to 85° C operating
- –55° to 95° C nonoperating
- 5% to 95%, RH, noncondensing
- Up to 40g shock, 3 axis
- Up to 5g vibration, 3 axis
- Size 3.550" x 3.755" x 0.535", PC/104 *Plus* form factor
- 5V ±5%, 170 mA maximum; drawn from PC/104 Plus connector
- Up to 1A supplied to CompactFlash devices.

Ordering information

#6530 2852 CompactFlash Plus adapter card

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